

Ioan Eugen Stan

Present Address

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România

Personal information

Born: October 22, 1985
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Job objective

Full-time software engineer working with open source technologies.

Experience

Contractor

Comsolit AG

July 2014

I've helped Comsolit AG to involve their customer in the project development by building a continuous integration pipeline with:

- Samba 4 Active Domain Controller for unified identity management
- Jenkins for continuous integration and test automation
- Gerrit for code review
- Apache Syncope for web based identity management

Contractor

DocProcess S.R.L

April 2013- June 2014

I was involved with designing and implementing a platform for electronic document processing. The platform did invoice and order mediation between for one of the biggest SuperMarkets in Romania and it's suppliers. We went into production after six, with a very small team.

I was very involved with the project and did a lot of activities like: training on specific technologies and workflows, software design, architecture and implementation, production monitoring and deployment, team management, etc.

Some of the choices I've made:

Infrastructure: I've pushed for virtualization of existing servers using XenServer installations with centralized storage for easy back-up. We've integrated a lot of services into LDAP for unified identity management.

Development: I've trained the team to use version control (Git) and Maven for project management. We've used Github+Issues for issue tracking then moved to Bitbucket and Jira. We used **git flow** and pull requests for code review and Jenkins for automated unit, integration and acceptance tests.

Standardization: I've pushed for standardization across all stack: same operating system (Debian Wheezy), same JDK, same Database to minimize operation overhead and improve development speed.

Technology: We used an open source technology stack based on Gnu/Linux (Debian Stable) with OpenJDK-7, Apache Karaf application server with Apache Camel for mediation and routing and PostgreSQL. We embedded Apache FTP server and Tomcat WebDav with Apache Shiro for authentication and authorization and we used Smooks for data transformation.

Before my departure I prepared the migration to an architecture based on Apache ActiveMQ. We mediated documents for three big Super Market Stores in Romania and over 200 of their suppliers.

CTO/Developer

Axemblr Software Solutions

June 2012- January 2013

We've worked on bringing Hadoop on Cloud infrastructure (Amazon AWS, Cloudstack) and other consulting projects. I engaged in company growth and product development.

- Axemblr Provisionr - <http://github.com/axemblr/axemblr-provisionr> – worked on application architecture and design (based on Apache Karaf), implemented CloudStack provider. The project was moved to Apache Software Foundation Incubator and the company was acquired by Cloudera.

- I developed a Java REST client for Cloudera Manager
- Brooklyn – I developed JavaScript client for the REST interface of brooklyn.io

Technologies: OSGi (Apache Karaf), jclouds, CloudStack, Activiti BPMN engine, Dropwizard, Jersey, Backbone.js, Jasmine.js, Require.js, Underscore.js

Java Developer 1and1 Internet Romania September 2011- May 2012
Big Data Solutions

As part of the BigData Solutions team I worked on an email clustering application using Apache Hadoop, Apache HBase and Apache Mahout.

PMC Member and Committer Apache Software Foundation September 2011-Present

Apache James is an enterprise email server written in Java. It is a component based high performance enterprise email server. My main contributions are HBase mailbox implementation mbox iterator - fast NIO based iterator-like interface over messages in an mbox file included in mime4j.

Java developer Joseki Bold Jan 2011 - May 2011

I worked on a Java network applications based on JBoss Netty library.

Firefighter officer Special Rescue Unit Nov 2009 - Dec 2010
 The Inspectorate for Emergency Situations
 "Dealul Spirii", Bucharest
 Duties included commanding a fire-fighting unit in training and rescue operations.

Other Projects, Activities and Open Source involvement

Smooks committer I contributed and I am a committer for Smooks. I was using Smooks in production and fixed some OSGi deployment issues. I also refactored the project setup, upgraded some dependencies, polished things a bit and pushed for Travis Continuous Integration.

Apache James Committer and PMC Member Apache James is an enterprise email server written in Java, developed by the Apache Software Foundation. My main contributions are:

- HBase mailbox implementation
- mbox iterator (mime4j) - fast NIO based iterator-like interface over messages in an mbox file
- Release manager for some sub-projects
- Email support on mailing-list
- OSGi improvements

Note: I don't use the project in production so my involvement with the project has diminished.

Other open source involvement I usually try to fix things and push improvements upstream. Some other Open Source projects I've contributed with bug reports and other improvements: HBase, CXF, Camel, Syncope (Debian packages).

Bucharest Java User Group and other community activity I'm one of the founders of Bucharest Java User Group - BJUG - bjug.ro. We organize monthly meetings where we do networking and discuss about Java/JVM technologies. I am a Debian user and sporadic contributor to the project since 2007, involved mostly with localization and some involvement with the Java Packaging Team.

Ocasionalmente I get involved in some of the local LUG community activities organized by ProLinux Association (<http://prolinux.ro/>), RLUG (www.lug.ro), The Free Software Group (<http://softwareliber.ro/>) and Ceata (<http://ceata.org>).

Older stuff: Automation Monitoring and Control System Designed and implemented as my university thesis. It's a client-server application that allows the user to view and control automation systems. The server is developed in C++ and uses COM technology to access the automation BUS.

The client is a Java applet that displays a visualisation of the environment.
It was tested using a KNX installation.

Education and trainings

University "Politehnica" of Bucharest
Master of Business Administration, 2010-2012

Police Academy "Al. I. Cuza", București, România
Bachelor of Science, Engineering, 2004 - 2009

Mahout Training - held by Grant Ingersoll
Vancouver, Canada, during ApacheCon 2011

Scrum training - on the job training
1and1 Internet Romania, 2011

Machine Learning online class by Andrew Ng
Stanford University, Oct. 2011 - Dec. 2011

Artificial Intelligence online class by Sebastian Thrun and Peter Norvig
Stanford University, Oct. 2011 - Dec. 2011

Introduction to Databases online class by Jennifer Widom
Stanford University, Oct. 2011 - Dec. 2011

You can find me online

- github.com/ieugen
- blog.ieugen.ro
- @ieugen222

Other

I have a Cambridge ESOL Level 2 Certificate in Advanced English.
Category B drivers license.

I like things well done, fun to use and easy to understand and hate re-inventing the wheel.